LISTE DE SEQUENCES

<110> Centre National de la Recherche Scientifique

<120> Peptide inhibiteur de la traduction des protéines et utilisation pour le contrôle de la traduction des protéines

<130> P290-FR

<140>
<141>

<160> 16

<170> PatentIn Ver. 2.1

<210> 1
<211> 28
<212> PRT
<213> Xenopus laevis

<400> 1
Val Lys Phe Ala Asp Thr Gln Lys Asp Lys Glu Gln Lys Arg Met Thr
1 5 10 15

Gln Gln Leu Gln Gln Gln Met Gln Gln Leu Asn Ala
20 25

<210> 2
<211> 28
<212> PRT
<213> Homo sapiens

<400> 2
Val Lys Phe Ala Asp Thr Gln Lys Asp Lys Glu Gln Lys Arg Met Ala
1 5 10 15

Gln Gln Leu Gln Gln Gln Met Gln Gln Ile Ser Ala
20 25

<210> 3
<211> 84
<212> PRT
<213> Xenopus laevis

<400> 3
Phe Thr Thr Arg Ser Met Ala Gln Met Ala Ile Lys Ser Met His Gln
1 5 10 15

Ala Gln Thr Met Glu Gly Cys Ser Ser Pro Ile Val Val Lys Phe Ala
20 25 30

Asp Thr Gln Lys Asp Lys Glu Gln Lys Arg Met Thr Gln Gln Leu Gln
35 40 45

Gln Gln Met Gln Gln Leu Asn Ala Ala Ser Met Trp Gly Asn Leu Thr

50 55 60

Gly Leu Asn Ser Leu Ala Pro Gln Tyr Leu Ala Leu Leu Gln Gln Thr
65 70 75 80

Ala Ser Ser Gly

<210> 4
<211> 88
<212> PRT
<213> Homo sapiens

<400> 4
Phe Thr Thr Arg Ala Met Ala Gln Thr Ala Ile Lys Ala Met His Gln
1 5 10 15

Ala Gln Thr Met Glu Gly Cys Ser Ser Pro Met Val Val Lys Phe Ala
20 25 30

Asp Thr Gln Lys Asp Lys Glu Gln Lys Arg Met Ala Gln Gln Leu Gln
35 40 45

Gln Gln Met Gln Gln Ile Ser Ala Ala Ser Val Trp Gly Asn Leu Ala
50 55 60

Gly Leu Asn Thr Leu Gly Pro Gln Tyr Leu Ala Leu Tyr Leu Gln Leu
65 70 75 80

Leu Gln Gln Thr Ala Ser Ser Gly
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<210> 5
<211> 189
<212> PRT
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:fusion

<400> 5
Met Ala Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Ser Val Lys Phe Ala
1 5 10 15

Asp Thr Gln Lys Asp Lys Glu Gln Lys Arg Met Thr Gln Gln Leu Gln
20 25 30

Gln Gln Met Gln Gln Leu Asn Ala Ala Ala Ala Met Ala Ser Asn Phe
35 40 45

Thr Gln Phe Val Leu Val Asp Asn Gly Gly Thr Gly Asp Val Thr Val
50 55 60

Ala Pro Ser Asn Phe Ala Asn Gly Val Ala Glu Trp Ile Ser Ser Asn
65 70 75 80

Ser Arg Ser Gln Ala Tyr Lys Val Thr Cys Ser Val Arg Gln Ser Ser

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                85                  90                  95

Ala Gln Asn Arg Lys Tyr Thr Ile Lys Val Glu Val Pro Lys Val Ala
            100                 105                 110

Thr Gln Thr Val Gly Gly Glu Glu Leu Pro Val Ala Gly Trp Arg Ser
        115                 120                 125

Tyr Leu Asn Met Glu Leu Thr Ile Pro Ile Phe Ala Thr Asn Ser Asp
    130                 135                 140

Cys Glu Leu Ile Val Lys Ala Met Gln Gly Leu Leu Lys Asp Gly Asn
145                 150                 155                 160

Pro Ile Pro Ser Ala Ile Ala Ala Asn Ser Gly Ile Tyr Gly Gly Gly
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Gly Gly Ser Gly Pro Tyr Ser Ile Val Ser Pro Lys Cys
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<210> 6
<211> 154
<212> PRT
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:fusion

<400> 6

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Met Ala Ser Asn Phe Thr Gln Phe Val Leu Val Asp Asn Gly Gly Thr
  1               5                  10                  15

Gly Asp Val Thr Val Ala Pro Ser Asn Phe Ala Asn Gly Val Ala Glu
            20                  25                  30

Trp Ile Ser Ser Asn Ser Arg Ser Gln Ala Tyr Lys Val Thr Cys Ser
        35                  40                  45

Val Arg Gln Ser Ser Ala Gln Asn Arg Lys Tyr Thr Ile Lys Val Glu
    50                  55                  60

Val Pro Lys Val Ala Thr Gln Thr Val Gly Gly Glu Glu Leu Pro Val
65                  70                  75                  80

Ala Gly Trp Arg Ser Tyr Leu Asn Met Glu Leu Thr Ile Pro Ile Phe
                85                  90                  95

Ala Thr Asn Ser Asp Cys Glu Leu Ile Val Lys Ala Met Gln Gly Leu
            100                 105                 110

Leu Lys Asp Gly Asn Pro Ile Pro Ser Ala Ile Ala Ala Asn Ser Gly
        115                 120                 125

Ile Tyr Gly Gly Gly Gly Gly Ser Lys Leu Gly Ser Met Ala Tyr Pro
    130                 135                 140

Tyr Asp Val Pro Asp Tyr Ala Arg Ala Ala
145                 150
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<210> 7
<211> 570
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:fusion

<400> 7
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gcggccgcca tggcttctaa ctttactcag ttcgttctcg tcgacaatgg cggaactggc 180
gacgtgactg tcgccccaag caacttcgct aacggggtcg ctgaatggat cagctctaac 240
tcgcgatcac aggcttacaa agtaacctgt agcgttcgtc agagctctgc gcagaatcgc 300
aaatacacca tcaaagtcga ggtgcctaaa gtggcaaccc agactgttgg tggtgaagag 360
cttcctgtag ccggatggag atcttactta aatatggaac taaccattcc aattttcgcc 420
acgaattccg actgcgagct tattgttaag gcaatgcaag gtctcctaaa agatggaaac 480
ccgattccct cggccatcgc ggccaactcc ggcatctacg gaggtggagg tggatctggg 540
ccctattcta tagtgtcacc taaatgctag 570

<210> 8
<211> 570
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:fusion

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gcggccgcca tggcttctaa ctttactcag ttcgttctcg tcgacaatgg cggaactggc 180
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acgaattccg actgcgagct tattgttaag gcaatgcaag gtctcctaaa agatggaaac 480
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ccctattcta tagtgtcacc taaatgctag 570

<210> 9
<211> 489
<212> PRT
<213> Xenopus laevis

<400> 9
Met Asn Gly Thr Met Asp His Pro Asp His Pro Asp Pro Asp Ser Ile
1 5 10 15

Lys Met Phe Val Gly Gln Val Pro Arg Ser Trp Ser Glu Lys Glu Leu
20 25 30

Arg Glu Leu Phe Glu Gln Tyr Gly Ala Val Tyr Glu Ile Asn Val Leu
35 40 45

Arg Asp Arg Ser Gln Asn Pro Pro Gln Ser Lys Gly Cys Cys Phe Ile
50 55 60

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Thr Phe Tyr Thr Arg Lys Ala Ala Leu Glu Ala Gln Asn Ala Leu His
 65                  70                  75                  80

Asn Met Lys Val Leu Pro Gly Met His His Pro Ile Gln Met Lys Pro
                85                  90                  95

Ala Asp Ser Glu Lys Asn Asn Ala Val Glu Asp Arg Lys Leu Phe Ile
            100                 105                 110

Gly Met Val Ser Lys Asn Cys Asn Glu Asn Asp Ile Arg Ala Met Phe
        115                 120                 125

Ser Pro Phe Gly Gln Ile Glu Glu Cys Arg Ile Leu Arg Gly Pro Asp
    130                 135                 140

Gly Met Ser Arg Gly Cys Ala Phe Val Thr Phe Thr Thr Arg Ser Met
145                 150                 155                 160

Ala Gln Met Ala Ile Lys Ser Met His Gln Ala Gln Thr Met Glu Gly
                165                 170                 175

Cys Ser Ser Pro Ile Val Val Lys Phe Ala Asp Thr Gln Lys Asp Lys
            180                 185                 190

Glu Gln Lys Arg Met Thr Gln Gln Leu Gln Gln Gln Met Gln Gln Leu
        195                 200                 205

Asn Ala Ala Ser Met Trp Gly Asn Leu Thr Gly Leu Asn Ser Leu Ala
    210                 215                 220

Pro Gln Tyr Leu Ala Leu Leu Gln Gln Thr Ala Ser Ser Gly Asn Leu
225                 230                 235                 240

Asn Ser Leu Ser Gly Leu His Pro Met Gly Ala Glu Tyr Gly Thr Gly
                245                 250                 255

Met Thr Ser Gly Leu Asn Ala Ile Gln Leu Gln Asn Leu Ala Ala Leu
            260                 265                 270

Ala Ala Ala Ala Ser Ala Ala Gln Asn Thr Pro Ser Ala Gly Ala Ala
        275                 280                 285

Leu Thr Ser Ser Ser Ser Pro Leu Ser Ile Leu Thr Ser Ser Gly Ser
    290                 295                 300

Ser Pro Ser Ser Asn Asn Ser Ser Ile Asn Thr Met Ala Ser Leu Gly
305                 310                 315                 320

Ala Leu Gln Thr Leu Ala Gly Ala Thr Ala Gly Leu Asn Val Asn Ser
                325                 330                 335

Leu Ala Gly Met Ala Ala Phe Asn Gly Gly Leu Gly Ser Ser Leu Ser
            340                 345                 350

Asn Gly Thr Gly Ser Thr Met Glu Ala Leu Ser Gln Ala Tyr Ser Gly
        355                 360                 365

Ile Gln Gln Tyr Ala Ala Ala Ala Leu Pro Ser Leu Tyr Asn Gln Ser
    370                 375                 380
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Leu Leu Ser Gln Gln Gly Leu Gly Ala Ala Gly Ser Gln Lys Glu Gly
385                 390                 395                 400

Pro Glu Gly Ala Asn Leu Phe Ile Tyr His Leu Pro Gln Glu Phe Gly
                405                 410                 415

Asp Gln Asp Leu Leu Gln Met Phe Met Pro Phe Gly Asn Val Val Ser
            420                 425                 430

Ser Lys Val Phe Ile Asp Lys Gln Thr Asn Leu Ser Lys Cys Phe Gly
        435                 440                 445

Phe Val Ser Tyr Asp Asn Pro Val Ser Ala Gln Ala Ala Ile Gln Ser
    450                 455                 460

Met Asn Gly Phe Gln Ile Gly Met Lys Arg Leu Lys Val Gln Leu Lys
465                 470                 475                 480

Arg Ser Lys Asn Asp Ser Lys Pro Tyr
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<210> 10
<211> 1470
<212> ADN
<213> Xenopus laevis

<400> 10

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tgctgtttta ttactttcta cacaagaaaa gctgcgttag aagcacagaa tgctttgcac 240
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aagaataatg ctgtggaaga ccgaaagcta tttatcggaa tggtttccaa gaattgtaat 360
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<210> 11
<211> 9
<212> PRT
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:peptide HA

<400> 11
Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
1 5

<210> 12
<211> 33
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:amorce

<400> 12
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<210> 13
<211> 32
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:amorce

<400> 13
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<210> 14
<211> 32
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:amorce

<400> 14
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<210> 15
<211> 32
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:amorce

<400> 15
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<210> 16
<211> 27
<212> ADN
<213> Séquence artificielle

<220>
<223> Description de la séquence artificielle:peptide HA

<400> 16
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